PATENT

APPLICATION 10/732,750

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AMENDMENTS

AMENDMENTS TO THE CLAIMS

1.   (Currently Amended) A method, comprising:
for each of a plurality of subscribed services associated with a subscriber endpoint in a communications network, for a wired connection associated with the subscribed service:
determining a current QOS metric; ~~and~~
based on the current QOS metric and historical QOS metrics for the subscribed service, adjusting a QOS-affecting variable to change a future QOS metric; and
determining the future QOS metric determined based upon a statistical regression of at least one of the historical QOS metrics.

2.   (Original) The method of claim 1, further comprising:
determining the historical QOS metrics.

3.   (Currently Amended) The method of claim 1, further comprising:
~~regressing~~performing the statistical regression if the at least one of the historical QOS metrics.

4.   (Original) The method of claim 1, further comprising:
estimating the future QOS metric.

5.   (Original) The method of claim 1, further comprising:
estimating the future QOS metric for the wired connection.

6.   (Original) The method of claim 1, further comprising:
determining the QOS-affecting variable.

7.   (Original) The method of claim 1, further comprising:
determining an adjustment to the QOS-affecting variable.

8.   (Original) The method of claim 1, wherein the future QOS metric fulfills a requirement of the subscribed service.

9.   (Cancelled)

10.   (Original) The method of claim 1, wherein the QOS-affecting variable is compression algorithm.

11.   (Original) The method of claim 1, wherein the QOS-affecting variable is transmission rate.

12.   (Original) method of claim 1, wherein the current QOS metric is sound clarity.

13.   (Original) The method of claim 1, wherein the current QOS metric is sound fidelity.

14.   (Original) The method of claim 1, wherein the current QOS metric is voice quality.

15.   (Original) The method of claim 1, wherein the current QOS metric is video picture quality.

16.   (Original) The method of claim 1, wherein the current QOS metric is video picture movement.

17.   (Original) The method of claim 1, wherein the current QOS metric is response time.

18.   (Original) The method of claim 1, wherein the current QOS metric is error rate.

19.   (Currently Amended) A machine-readable medium comprising instructions for activities comprising:

for each of a plurality of subscribed services associated with a subscriber endpoint in a communications network, for a wired connection associated with the subscribed service:

determining a current QOS metric; and

utilizing the current QOS metric and historical QOS metrics for the subscribed service, adjusting a QOS-affecting variable to change a future QOS metric; and

determining the future QOS metric determined based upon a statistical regression of at least one of the historical QOS metrics.

20.   (Currently Amended) A system comprising:

for each of a plurality of subscribed services associated with a subscriber endpoint in a communications network, for a wired connection associated with the subscribed service:

means for determining a current QOS metric; and

utilizing the current QOS metric and historical QOS metrics for the subscribed service, means for adjusting a QOS-affecting variable to change a future QOS metric; and

determining the future QOS metric determined based upon a statistical regression of at least one of the historical QOS metrics.

21.   (New) The method of claim 1, further comprising:

· causing a multimedia conference to be viewed at the subscriber endpoint, the multimedia conference one of the plurality of subscribed services, video of the multimedia conference provided to the subscriber endpoint, the video compressed at a compression rate, the multimedia conference provided with still pictures to a second endpoint, the still pictures provided responsive to an automatic determination that the second endpoint is connected to the multimedia conference via a connection that lacks sufficient bandwidth to receive the video of the multimedia conference at the compression rate.